

IN THE CLAIMS:

1. (Currently Amended) A mobile receiver comprising:
first means for receiving a ~~transmitted~~ satellite digital audio radio service signal and providing an instantaneous output signal in response thereto, ~~said first means including means for receiving satellite digital audio service signals;~~
second means for storing at least a portion of said received signal;
third means for providing a replay signal; and
fourth means for selectively outputting said stored portion of said received signal or said instantaneous output signal in response to said replay signal,
said first, second, third and fourth means being disposed on a common mobile platform.
2. (Canceled)
3. (Previously Presented) The invention of Claim 1 wherein said first means includes an audio decoder.
4. (Original) The invention of Claim 1 wherein said third means includes a user interface.
5. (Previously Presented) The invention of Claim 1 wherein said fourth means is a system controller.
6. (Original) The invention of Claim 5 wherein said system controller includes a microprocessor.
7. (Original) The invention of Claim 6 wherein said fourth means includes software running on said microprocessor.

8. (Previously Presented) The invention of Claim 7 wherein said replay signal is an instant replay signal and said software includes code for detecting the presence of said instant replay signal.

9. (Original) The invention of Claim 8 wherein said software includes code for causing said receiver to output said stored portion of said received signal on the detection of said instant replay signal.

10. (Original) The invention of Claim 9 wherein said software includes code for causing said receiver to output said instantaneous output signal on a failure to detect said instant replay signal.

11. (Original) The invention of Claim 10 wherein said transmitted signal includes a start of selection signal and an end of selection signal and said software includes code for detecting said start of selection signal and said end of selection signal.

12. (Original) The invention of Claim 11 wherein said software includes code for activating said second means in response to detection of said start of selection signal.

13. (Original) The invention of Claim 12 wherein said software includes code for deactivating said second means in response to detection of said end of selection signal.

14. (Original) The invention of Claim 7 wherein said software includes code for detecting the selection of a broadcast channel.

15. (Currently Amended) A satellite digital audio receiver comprising:
a radio frequency tuner and an audio decoder for receiving a transmitted satellite digital audio radio service signal and providing an instantaneous output signal in response thereto;
a user interface for providing a replay signal;
means for detecting a beginning and an ending of program content provided in said received signal and storing said program content in response to said replay signal and
a system controller including a microprocessor for selectively outputting said program content or said instantaneous output signal in response to said replay signal.

16. (Canceled)

17. (Previously Presented) The invention of Claim 15 wherein said system controller includes software running on said microprocessor.

18. (Previously Presented) The invention of Claim 17 wherein said replay signal is an instant replay signal and said software includes code for detecting the presence of said instant replay signal.

19. (Previously Presented) The invention of Claim 18 wherein said software includes code for causing said audio decoder to output said stored program content on the detection of said instant replay signal.

20. (Original) The invention of Claim 19 wherein said software includes code for causing said audio decoder to output said instantaneous output signal on a failure to detect said instant replay signal.

21. (Original) The invention of Claim 20 wherein said transmitted signal includes a start of selection signal and an end of selection signal and said software includes code for detecting said start of selection signal and said end of selection signal.

22. (Original) The invention of Claim 21 wherein said software includes code for causing said system controller to store said instantaneous output signal in said storage medium in response to detection of said start of selection signal.

23. (Original) The invention of Claim 22 wherein said software includes code for causing said system controller to stop storing said simultaneous output signal in said storage medium in response to detection of said end of selection signal.

24. (Original) The invention of Claim 17 wherein said software includes code for detecting the selection of a broadcast channel.

25. (Currently Amended) A method for receiving a satellite digital audio radio signal including the steps of:

receiving a transmitted satellite digital audio radio service signal and providing an instantaneous output signal in response thereto using a mobile satellite digital audio service receiver;

storing program content in said received signal;

providing a replay signal;

detecting the presence of said instant replay signal; and

selectively outputting said stored program content or said instantaneous output signal in response to said replay signal.

26. (Canceled)

27. (Previously Presented) The invention of Claim 25 including the step of causing said receiver to output said stored program content on the detection of said instant replay signal.

28. (Original) The invention of Claim 27 including the step of causing said receiver to output said instantaneous output signal on a failure to detect said instant replay signal.

29. (Original) The invention of Claim 28 wherein said transmitted signal includes a start of selection signal and an end of selection signal and said method includes the step of detecting said start of selection signal and said end of selection signal.

30. (Original) The invention of Claim 29 including the step of activating said second means in response to detection of said start of selection signal.

31. (Original) The invention of Claim 30 including the step of deactivating said second means in response to detection of said end of selection signal.

32. (Original) The invention of Claim 25 including the step of detecting the selection of a broadcast channel.

33. (Currently Amended) A mobile receiver comprising:

first means for receiving a transmitted satellite digital audio radio service signal and providing an instantaneous output signal in response thereto;

second means for storing at least a portion of said received signal;

third means including a user interface for providing a replay signal; and

fourth means for selectively outputting said stored portion of said received signal or said instantaneous output signal in response to said replay signal,

said first, second, third and fourth means being disposed on a common mobile platform.

34. (Currently Amended) A mobile receiver comprising:

first means for receiving a transmitted satellite digital audio radio service signal and providing an instantaneous output signal in response thereto;

second means for storing at least a portion of said received signal;

third means for providing a replay signal; and

fourth means for selectively outputting said stored portion of said received signal or said instantaneous output signal in response to said replay signal, said fourth means including a system controller and

said first, second, third and fourth means being disposed on a common mobile platform.

35. (Previously Presented) The invention of Claim 34 wherein said system controller includes a microprocessor.

36. (Previously Presented) The invention of Claim 35 wherein said fourth means includes software running on said microprocessor.

37. (Previously Presented) The invention of Claim 36 wherein said replay signal is an instant replay signal and said software includes code for detecting the presence of said instant replay signal.

38. (Previously Presented) The invention of Claim 37 wherein said software includes code for causing said receiver to output said stored portion of said received signal on the detection of said instant replay signal.

39. (Previously Presented) The invention of Claim 38 wherein said software includes code for causing said receiver to output said instantaneous output signal on a failure to detect said instant replay signal.

40. (Previously Presented) The invention of Claim 39 wherein said transmitted signal includes a start of selection signal and an end of selection signal and said software includes code for detecting said start of selection signal and said end of selection signal.

41. (Previously Presented) The invention of Claim 40 wherein said software includes code for activating said second means in response to detection of said start of selection signal.

42. (Previously Presented) The invention of Claim 41 wherein said software includes code for deactivating said second means in response to detection of said end of selection signal.

43. (Previously Presented) The invention of Claim 36 wherein said software includes code for detecting the selection of a broadcast channel.

44. (Currently Amended) A method for receiving a satellite digital audio radio service signal including the steps of:

receiving a transmitted satellite digital audio radio service signal and providing an instantaneous output signal in response thereto using a mobile satellite digital audio service receiver;

detecting the selection of a broadcast channel;

storing program content in said received signal on said broadcast channel;

providing a replay signal; and

selectively outputting said stored program content or said instantaneous output signal in response to said replay signal.